

Figure 1 is a block diagram illustrating a TP Product Bid Entry System. The system architecture is as follows:

- User 105:** Represented by a stick figure, this user interacts with the front-end components of the system.
- Front-end Components:**
  - 110:** TP Product Bid Entry Screens (Java)
  - 115:** Legacy or Custom Front-ends
  - 125:** Service Bureau / Website
  - 120:** Sales Force Automation Products (Siebel, Oracle, etc.)
  - 130:** Other Systems (Palm Pilot, etc.)
  - 135:** TP Product Verticals GUI
- 140:** Internet or Intranet: A central hub connecting the front-end components to the TPE.
- 145:** TPE Interface: The interface through which the TPE is accessed.
- 147:** TPE (TP Product Entry): The core processing unit of the system.
- 150:** TP Product Analyst Workbench: A component that interacts with the TPE via SQL.
- 155:** TP Product Reporting DB: A database that receives data from the TPE.
- 160:** Business Objects: A component that processes data from the reporting database.
- 165:** Reports: Output generated by the Business Objects.
- 170:** Alerts: Output generated by the Business Objects, which is then processed by the second user (105).

105

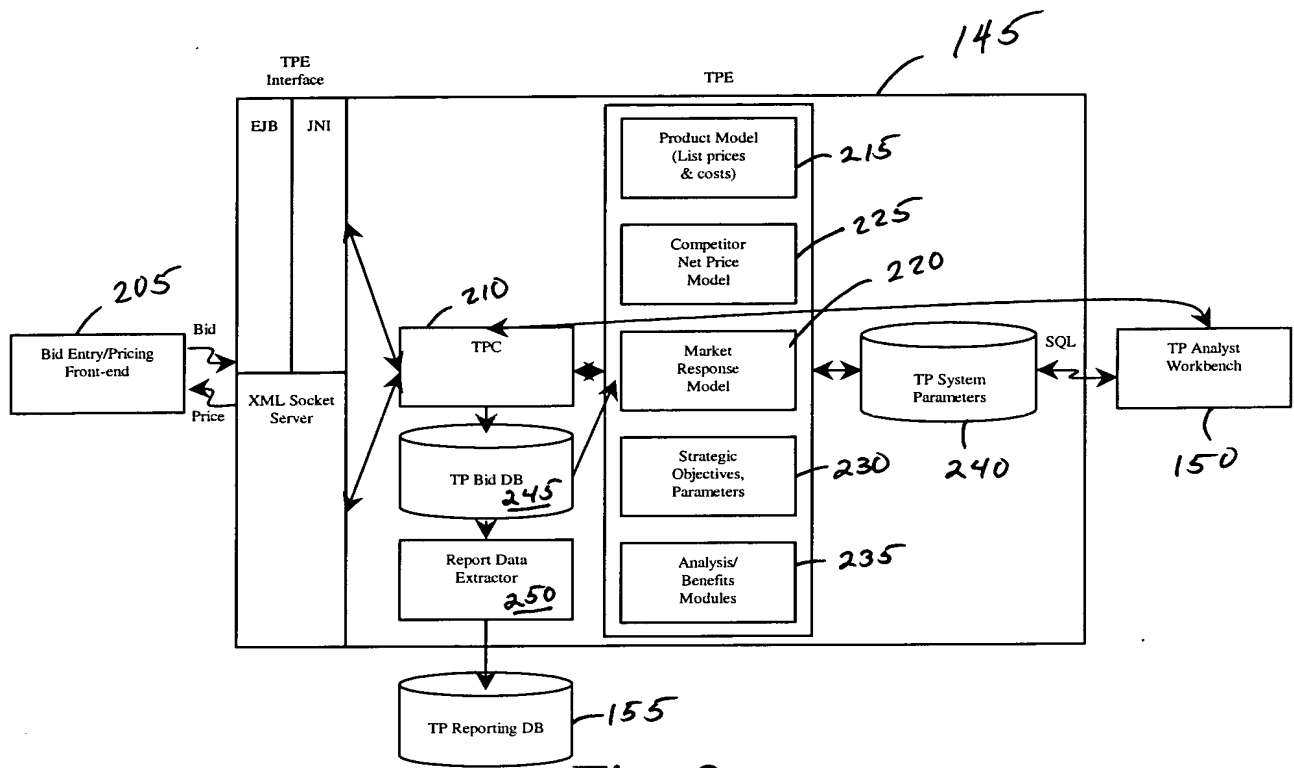


Fig. 2

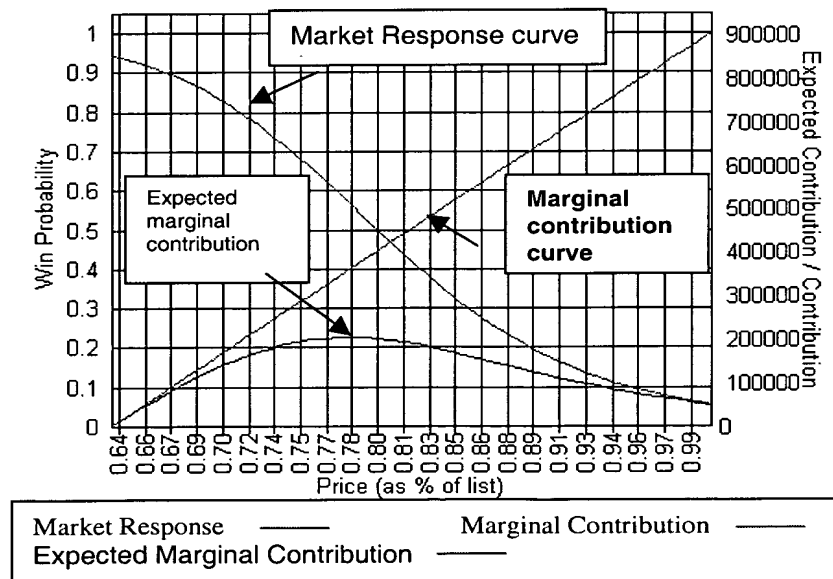


Fig. 3

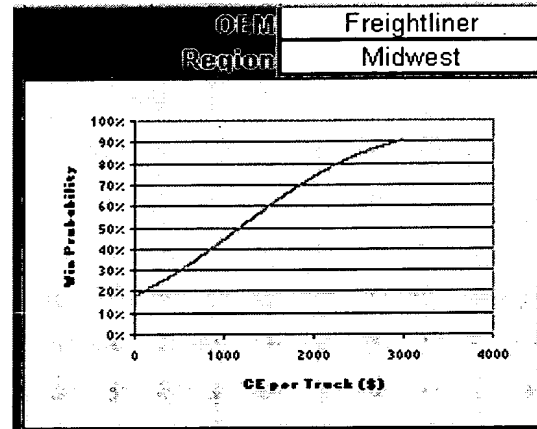
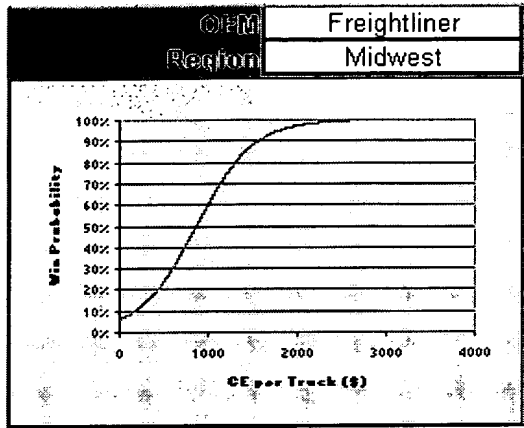


Fig. 4A

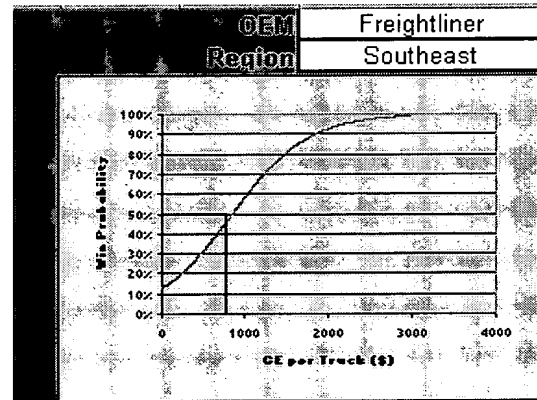
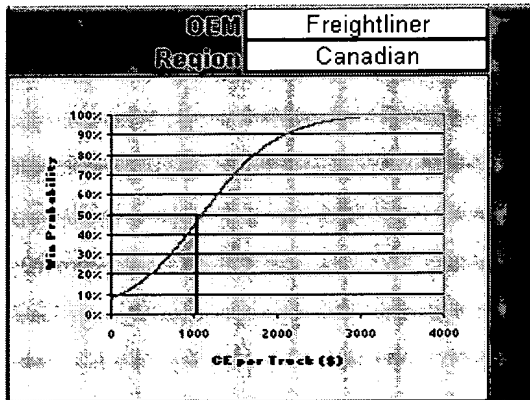


Fig. 4B

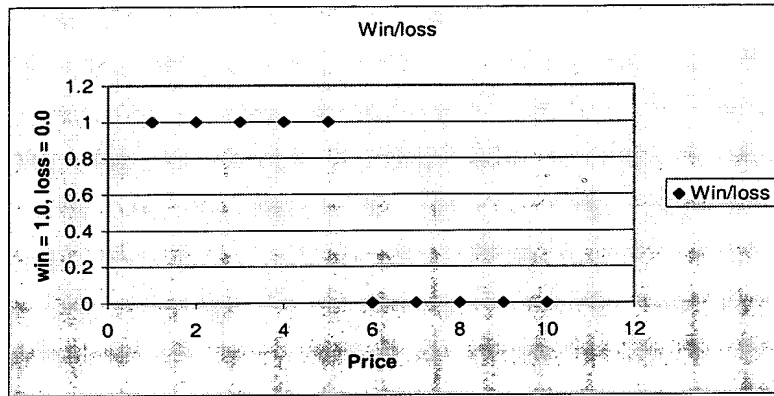
[illegible]

Fig. 5A

Win/loss

win = 1.0, loss = 0.0

Bid number

◆ Win/loss

Bid number	Win/loss
1	1.0
2	1.0
3	1.0
4	1.0
5	1.0
6	0.0
7	0.0
8	0.0
9	0.0
10	0.0

```

graph LR
    Companies[Companies] ---|has 1 or more| Products[Products]
    Products ---|has 0 or more| Accounts[Accounts]
    Products ---|has 1 or more| Bids[Bids]
    Products ---|has 0 or more| Options[Options]

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Fig. 6

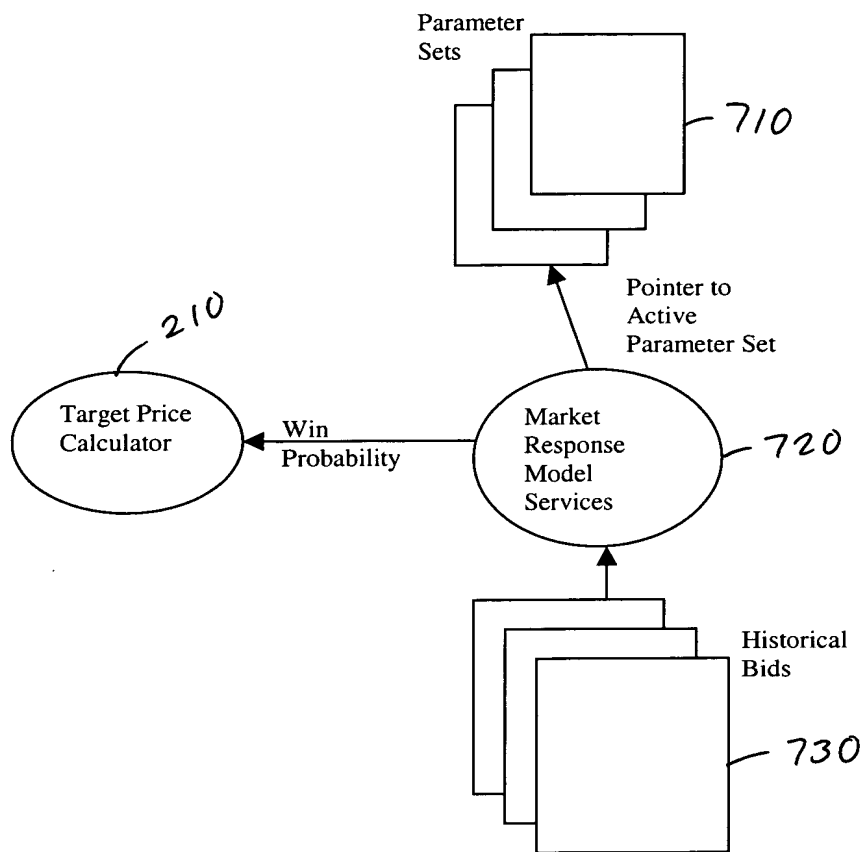


Fig. 7

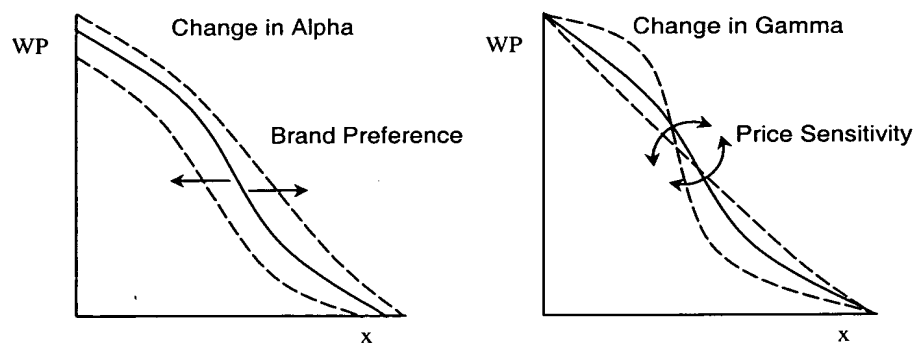


FIG. 8